

PCT/AU2003/001673 20 JUN 2004

10/540280

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2003/001673

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|--|--|---|--|--|-----|---|-----|---|-----|--|-----|---|-----|--|-----|--|-----|---|-----|--|--|--|
| A. CLASSIFICATION OF SUBJECT MATTER | | | | | | | | | | | | | | | | | | | | | | |
| Int. Cl. 7: H01H 9/20 | | | | | | | | | | | | | | | | | | | | | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | | | | | | | | | | | | | | | | | | | | | |
| B. FIELDS SEARCHED | | | | | | | | | | | | | | | | | | | | | | |
| Minimum documentation searched (classification system followed by classification symbols) | | | | | | | | | | | | | | | | | | | | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | | | | | | | | | | | | | | | | | | | | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI keywords (switch, safety, series, handheld) | | | | | | | | | | | | | | | | | | | | | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | | | | | | | | | | | | | | | | | | | | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. | | | | | | | | | | | | | | | | | | | | |
| A | US 4935643 A (REICHLE et al.) 19 June 1990 Abstract, figures, column 3 | 1 | | | | | | | | | | | | | | | | | | | | |
| A | EP 164 407 B1 (LEVITON MANUFACTURING Co. Inc.) A publication 18 December 1985 Patent Published 5 September 1990 See Fig 1, switch (24) column 2 lines 55-58, Claims 1 and 2, figures, column 8 lines 43-54 Whole document | 1-3 | | | | | | | | | | | | | | | | | | | | |
| A | US 4701595 A (OKUTSU et al.) 20 October 1987 Fig. 22 switch (91), switch (92) thermoswitch (42), claims | 1 | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C | | <input checked="" type="checkbox"/> See patent family annex | | | | | | | | | | | | | | | | | | | | |
| <p>* Special categories of cited documents:</p> <table> <tr> <td>"A"</td> <td>document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E"</td> <td>earlier application or patent but published on or after the international filing date</td> <td>"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L"</td> <td>document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O"</td> <td>document referring to an oral disclosure, use, exhibition or other means</td> <td>"&"</td> <td>document member of the same patent family</td> </tr> <tr> <td>"P"</td> <td>document published prior to the international filing date but later than the priority date claimed</td> <td></td> <td></td> </tr> </table> | | | "A" | document defining the general state of the art which is not considered to be of particular relevance | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention | "E" | earlier application or patent but published on or after the international filing date | "X" | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone | "L" | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art | "O" | document referring to an oral disclosure, use, exhibition or other means | "&" | document member of the same patent family | "P" | document published prior to the international filing date but later than the priority date claimed | | |
| "A" | document defining the general state of the art which is not considered to be of particular relevance | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention | | | | | | | | | | | | | | | | | | | |
| "E" | earlier application or patent but published on or after the international filing date | "X" | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone | | | | | | | | | | | | | | | | | | | |
| "L" | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art | | | | | | | | | | | | | | | | | | | |
| "O" | document referring to an oral disclosure, use, exhibition or other means | "&" | document member of the same patent family | | | | | | | | | | | | | | | | | | | |
| "P" | document published prior to the international filing date but later than the priority date claimed | | | | | | | | | | | | | | | | | | | | | |
| Date of the actual completion of the international search 8 March 2004 | | Date of mailing of the international search report 16 MAR 2004 | | | | | | | | | | | | | | | | | | | | |
| Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929 | | Authorized officer DALE SIVER Telephone No : (02) 6283 2196 | | | | | | | | | | | | | | | | | | | | |

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|---|------------------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | US 5864458 A (DUFFY et al.) 26 January 1999 Figures 6c, 6d, 6e , column 8 lines 36-50, column 14 lines 33 to column 16 line 12. Figure 4a | 1 |
| A | DE 4113487 C1 (Fleischgroßhandel Hans-Werner & Bernd Meixner GmbH) Patent Published 5 November 1992 Abstract, Figures | 1,3 |
| A | EP 231987 A2 (BLACK & DECKER Inc.) 12 August 1987 Abstract, figures | 1,2 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/AU2003/001673

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | | Patent Family Member | | | | |
|--|---------|----|----------------------|----|------------|----|---------|
| US | 4935643 | DE | 3811188 | EP | 0313798 | JP | 1259804 |
| EP | 0164407 | AU | 37459/85 | BR | 8407200 | CA | 1213665 |
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| DE | 4113487 | AU | 19825/92 | EP | 0581821 | US | 5583386 |
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| EP | 0231987 | AU | 67849/87 | BR | 8700258 | CA | 1262378 |
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END OF ANNEX